

FIG. 1

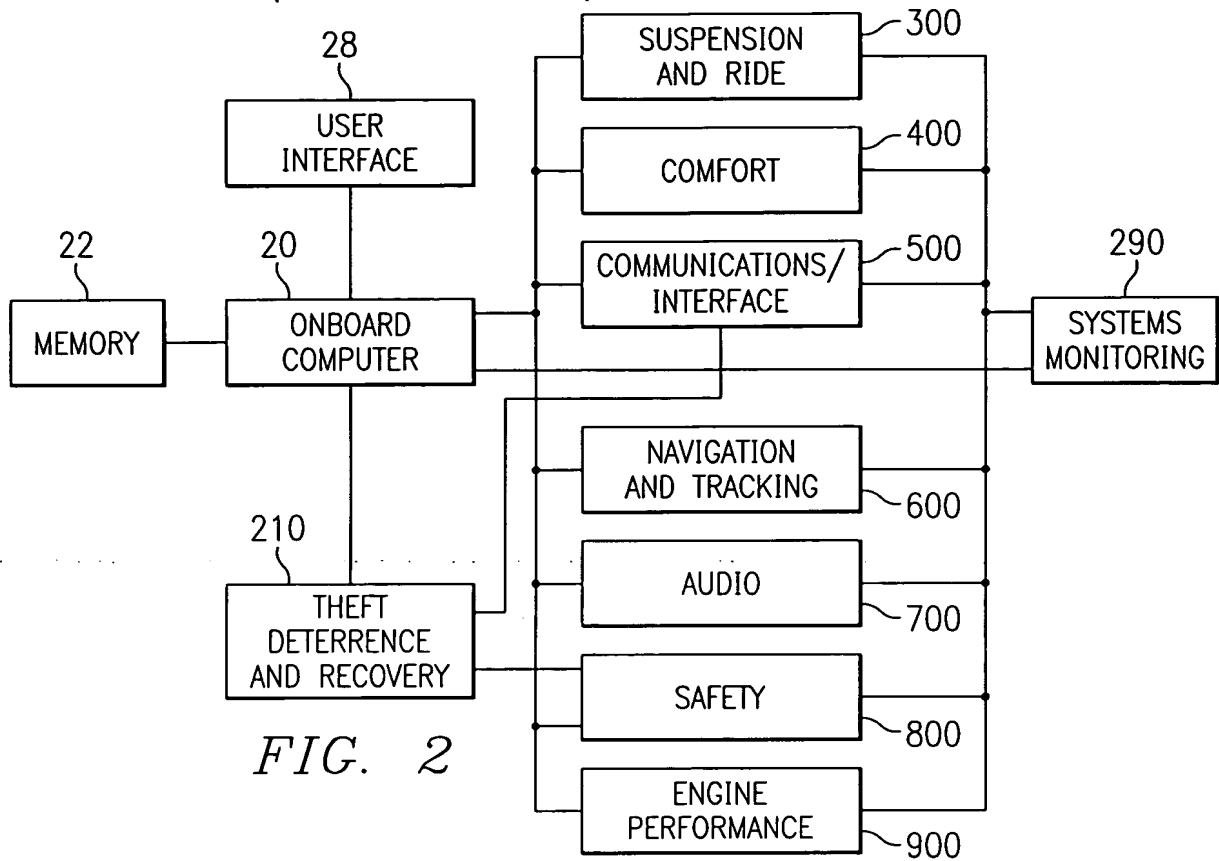


FIG. 2

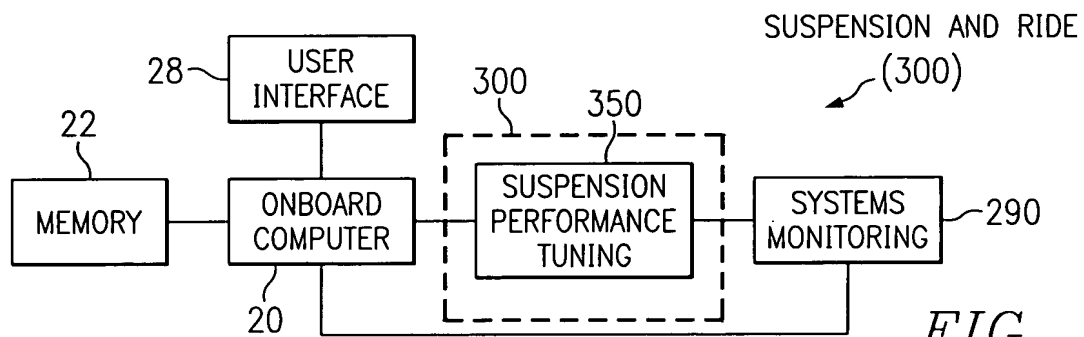


FIG. 3

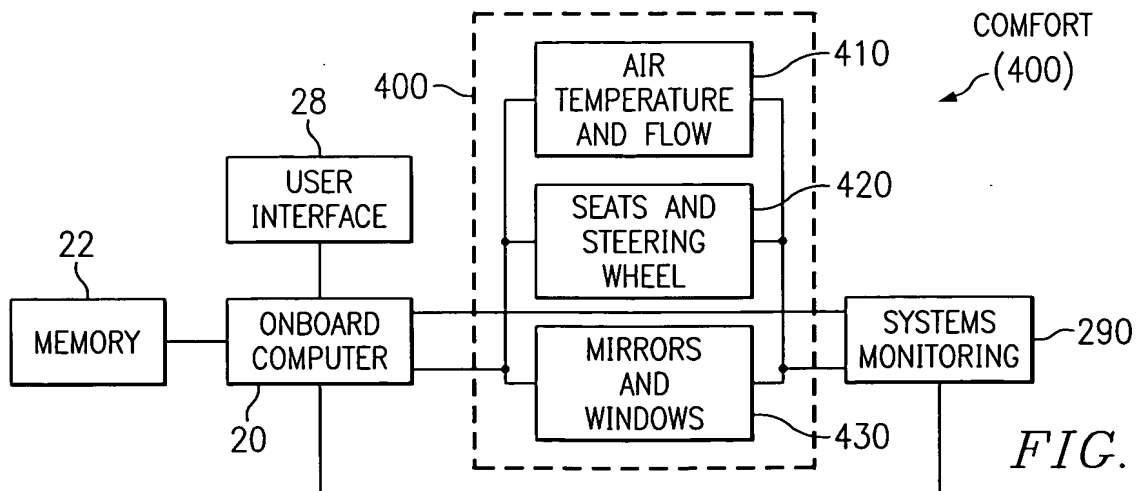
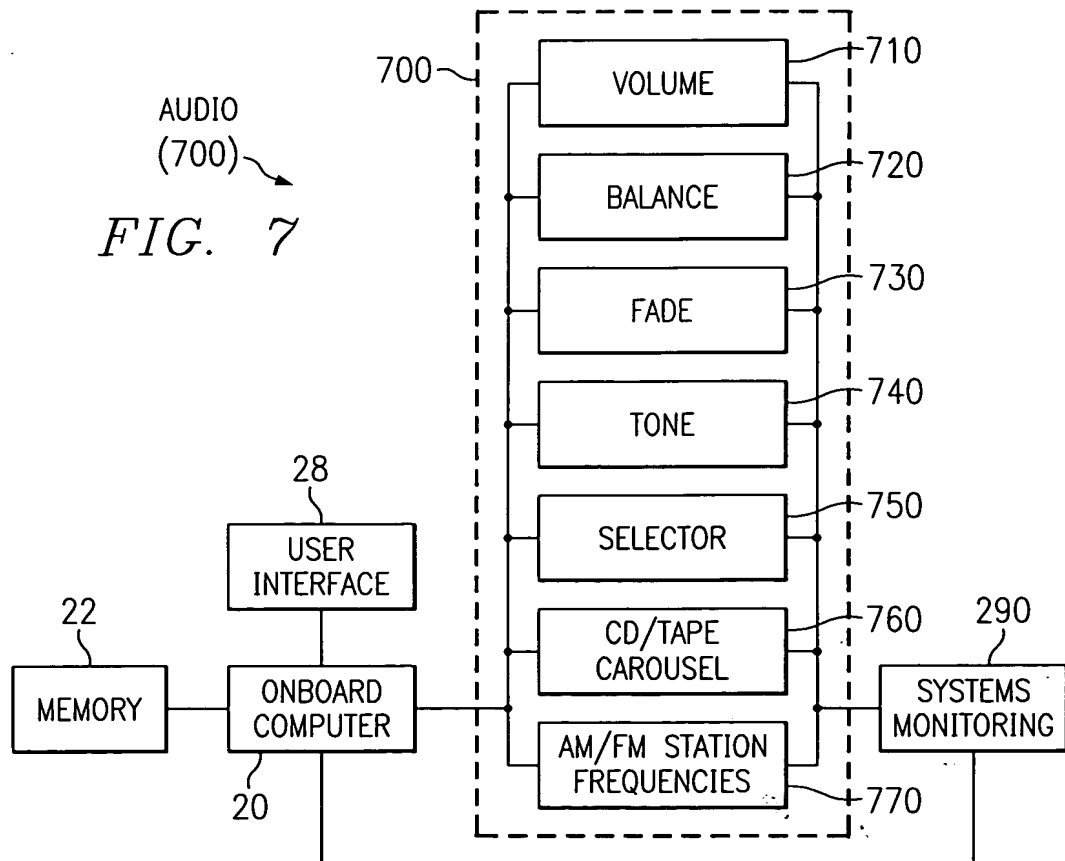
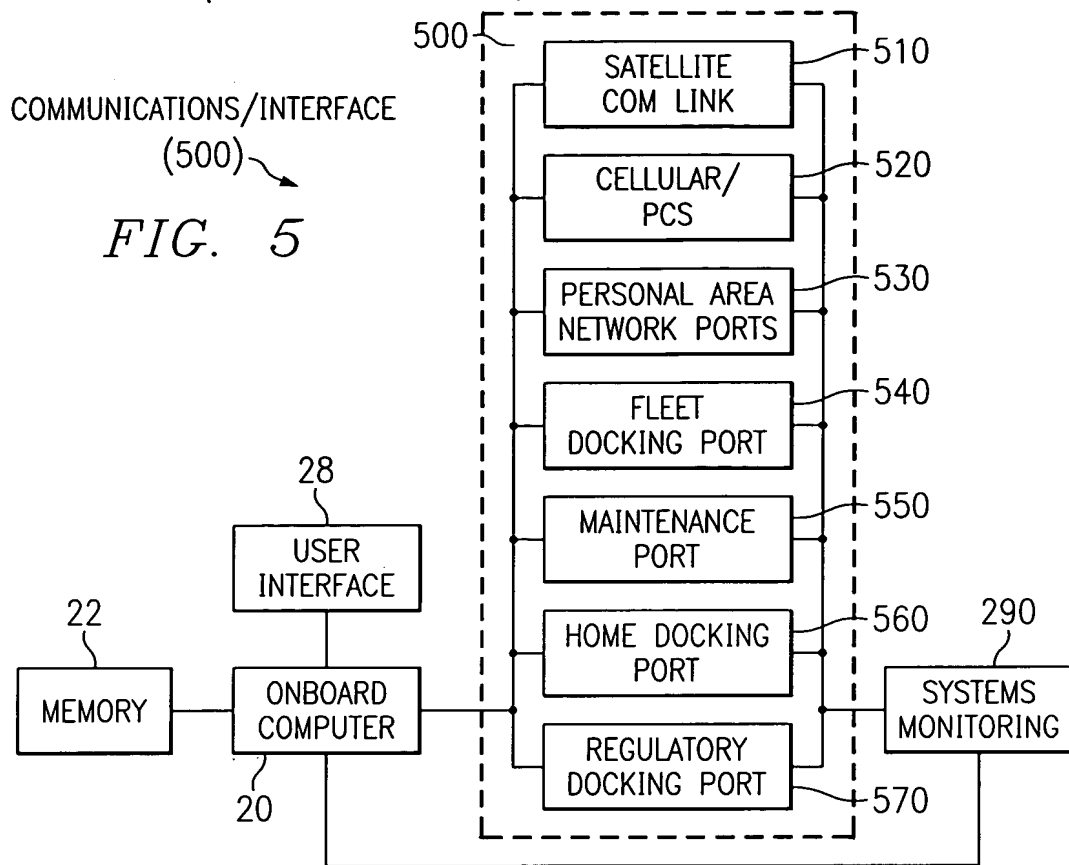


FIG. 4



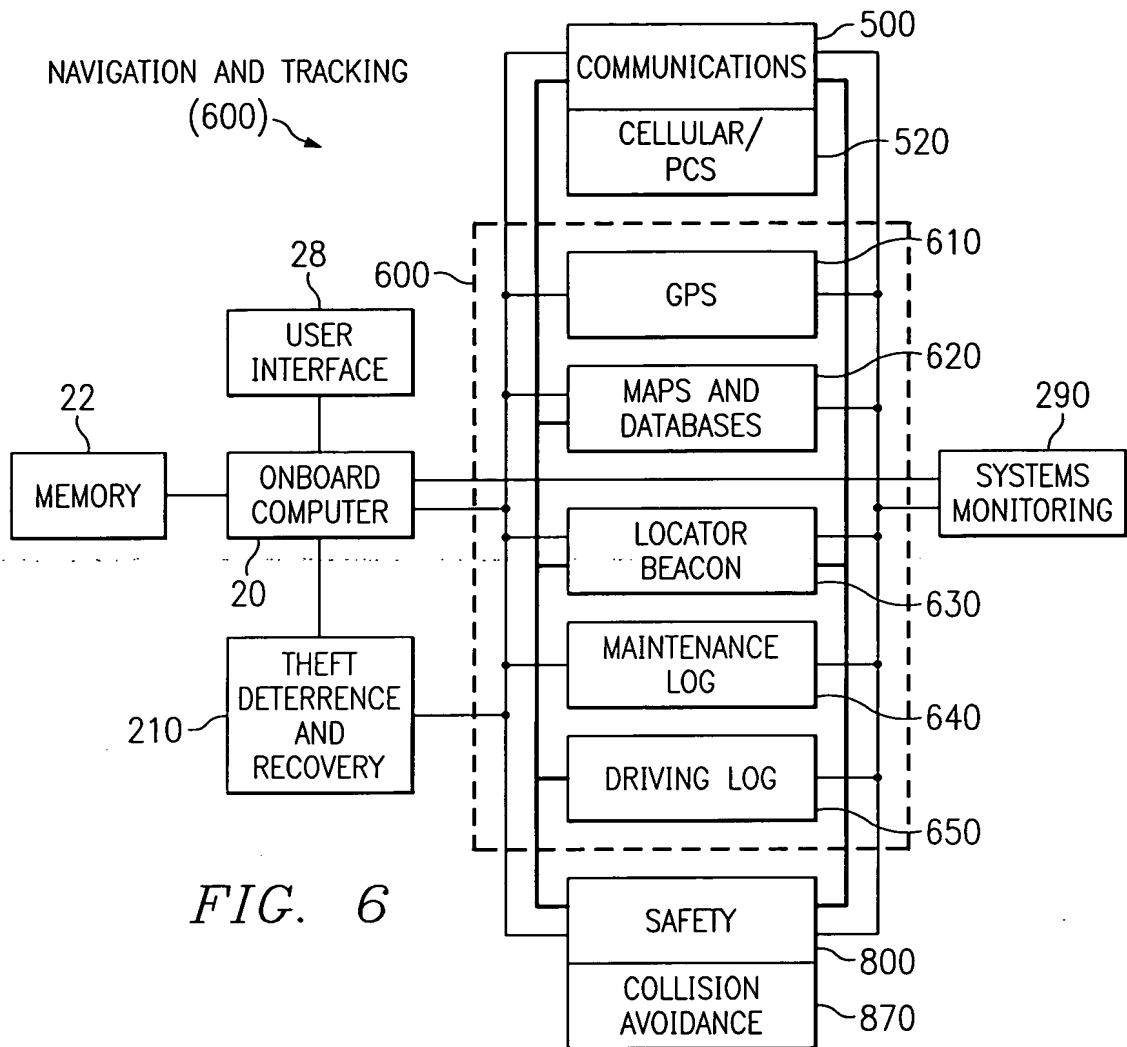


FIG. 6

USER RECORD
USER ID
VERIFICATION
SECURITY LEVEL
PREFERENCES
PREFERENCE LIMITS
USER LOGGED DATA

1400

USER ID
NAME
NUMBER

1500

FIG. 15

FIG. 14

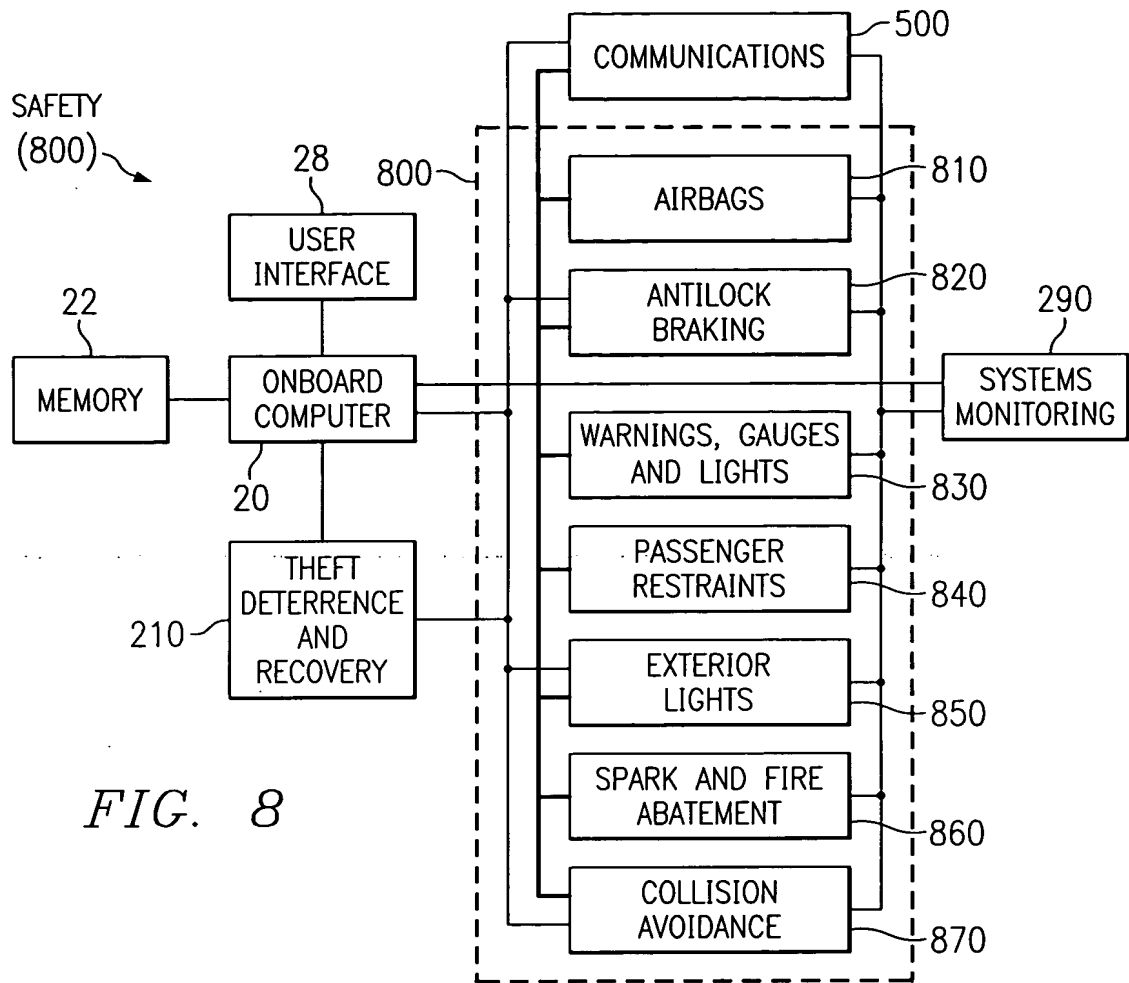


FIG. 8

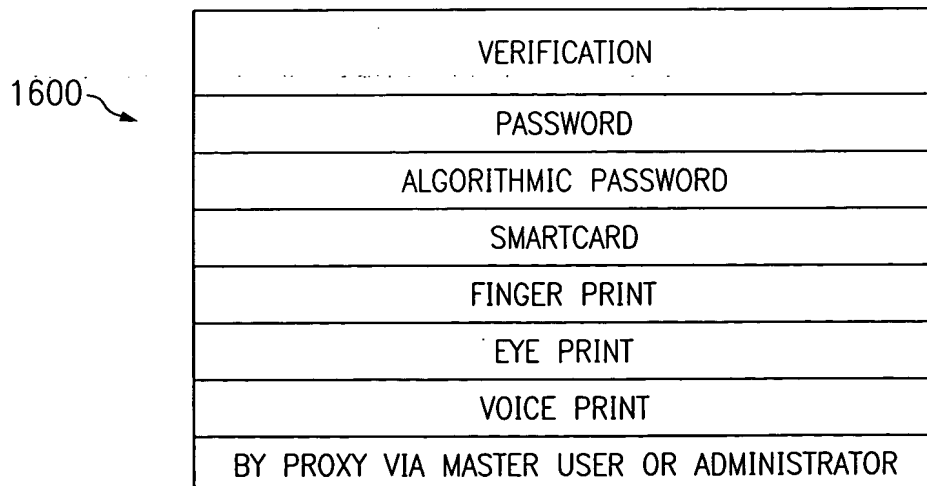


FIG. 16

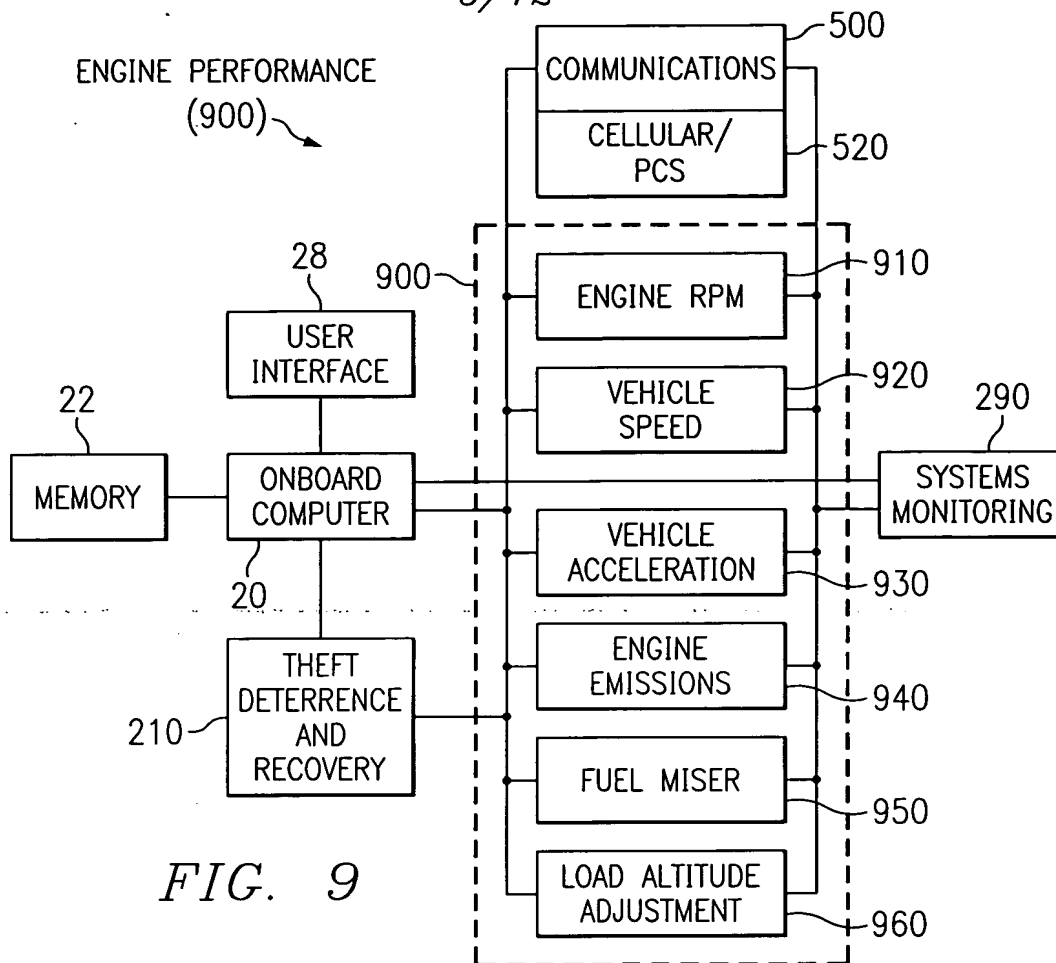


FIG. 9

1700

SECURITY LEVEL
NORMAL USER
MASTER
ADMINISTRATOR
SERVICE CENTER
PARKING ATTENDANT
SEMI-USER
THIEF
DRUNK DRIVER

FIG. 17

1800

PREFERENCES
SEAT ADJUSTMENTS
TEMPERATURE ADJUSTMENTS
RADIO/ENTERTAINMENT SYSTEM ADJUSTMENTS
TELEPHONE NUMBER SETTING
RIDE
ACCELERATION
WARNING MESSAGE PREFERENCE
AIRBAG SETTINGS

FIG. 18

USER INTERFACE (28)

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FIG. 10

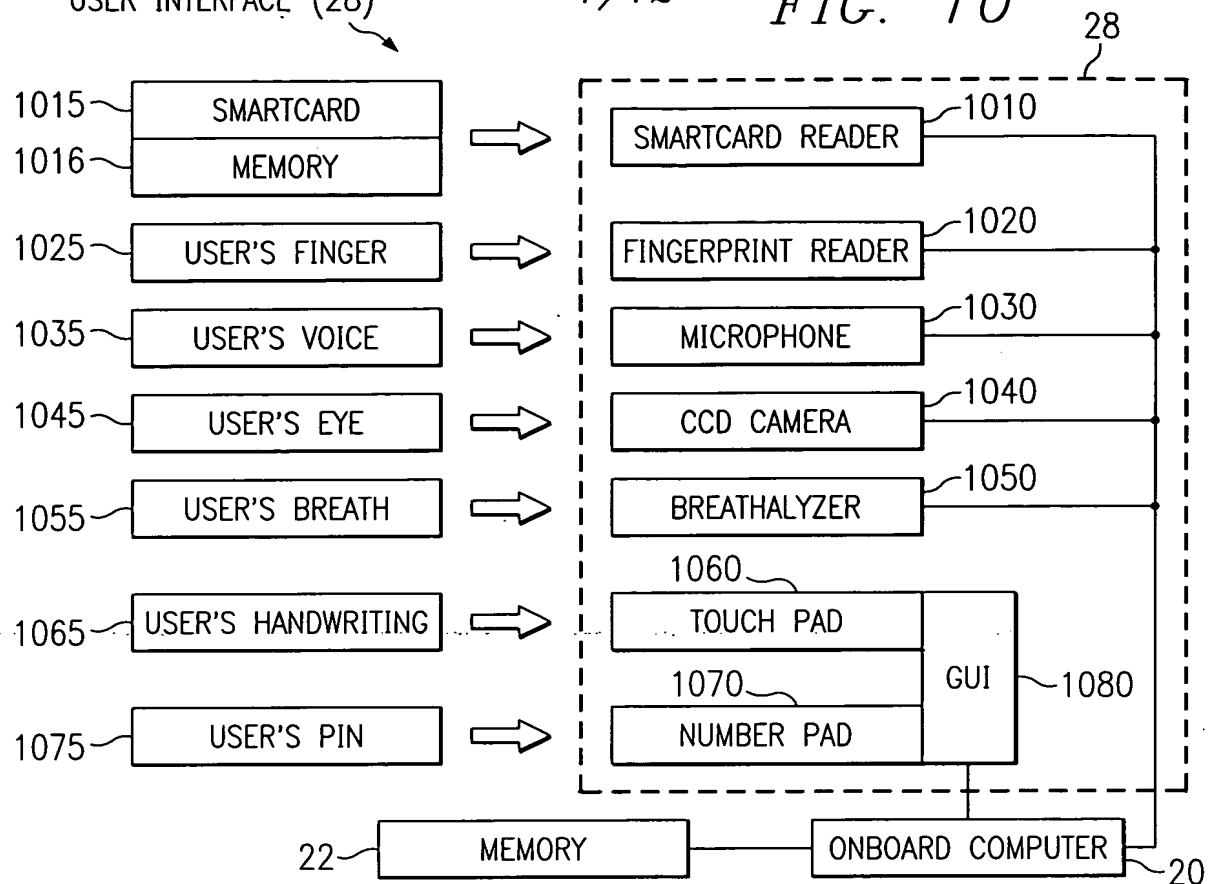
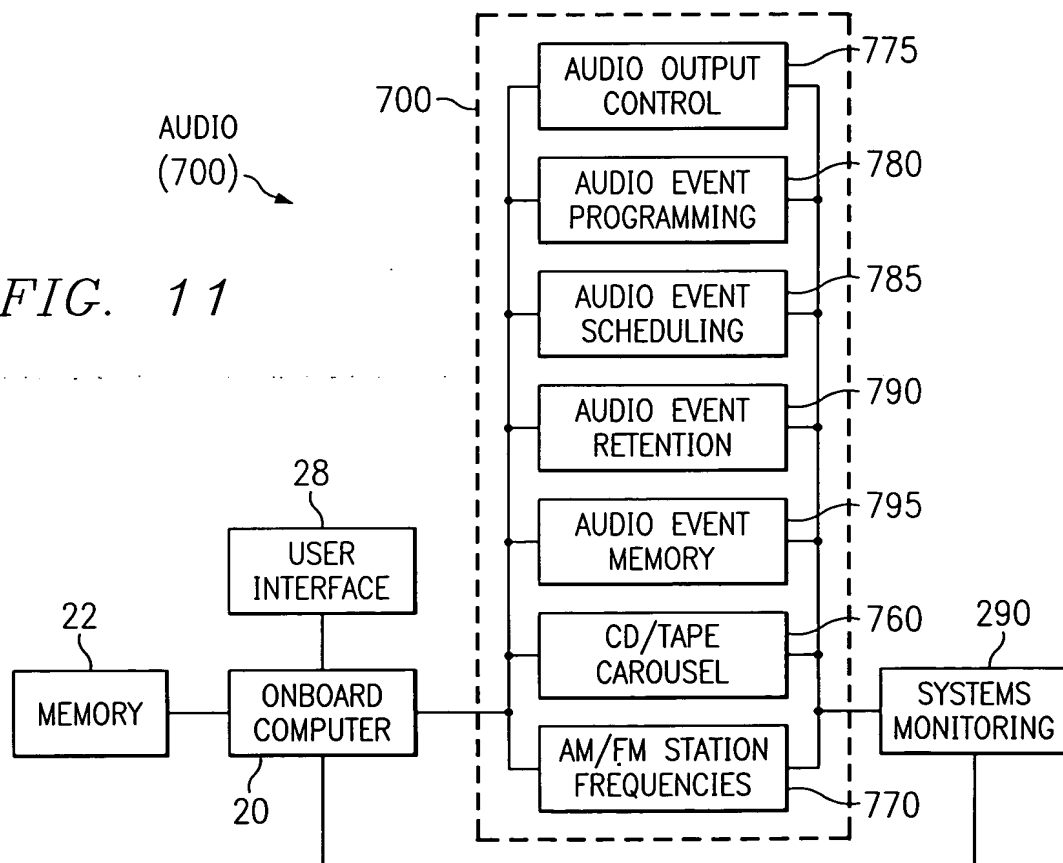


FIG. 11



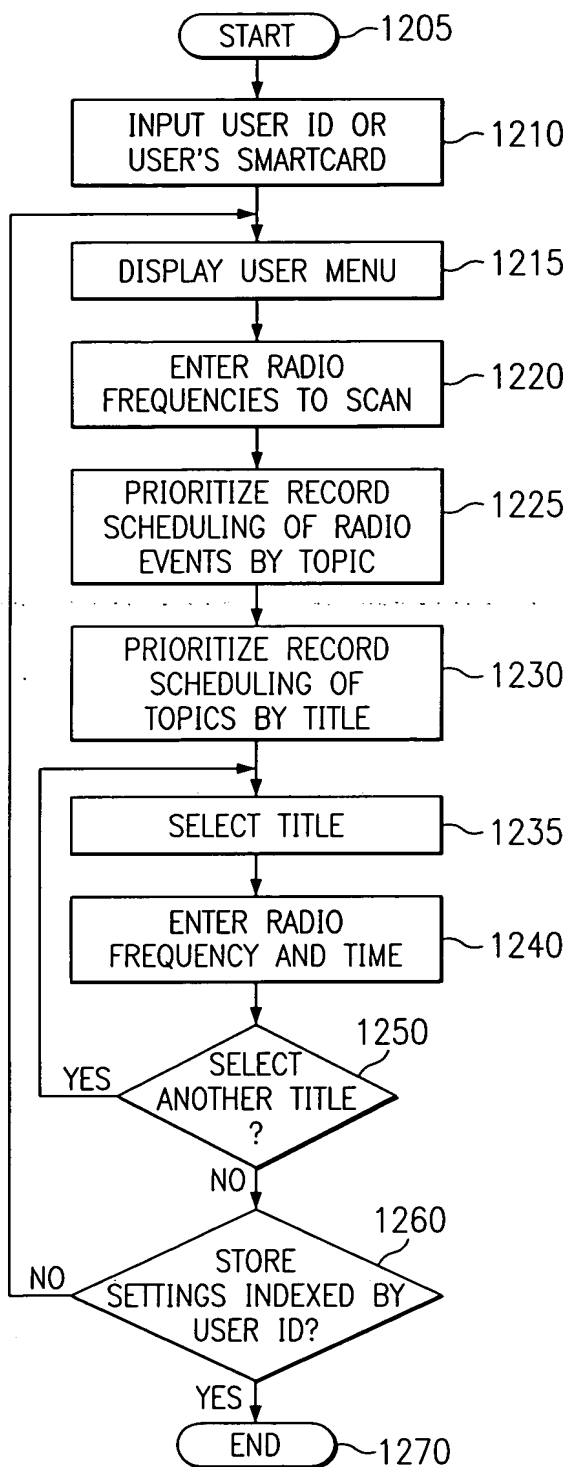


FIG. 12

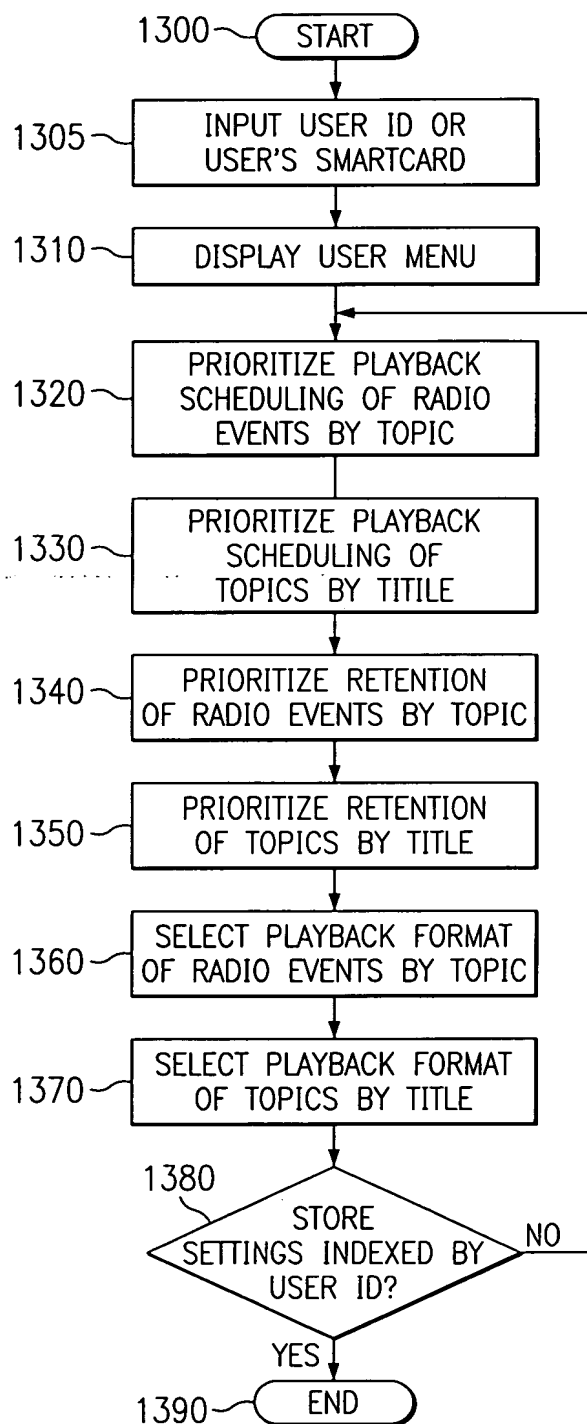
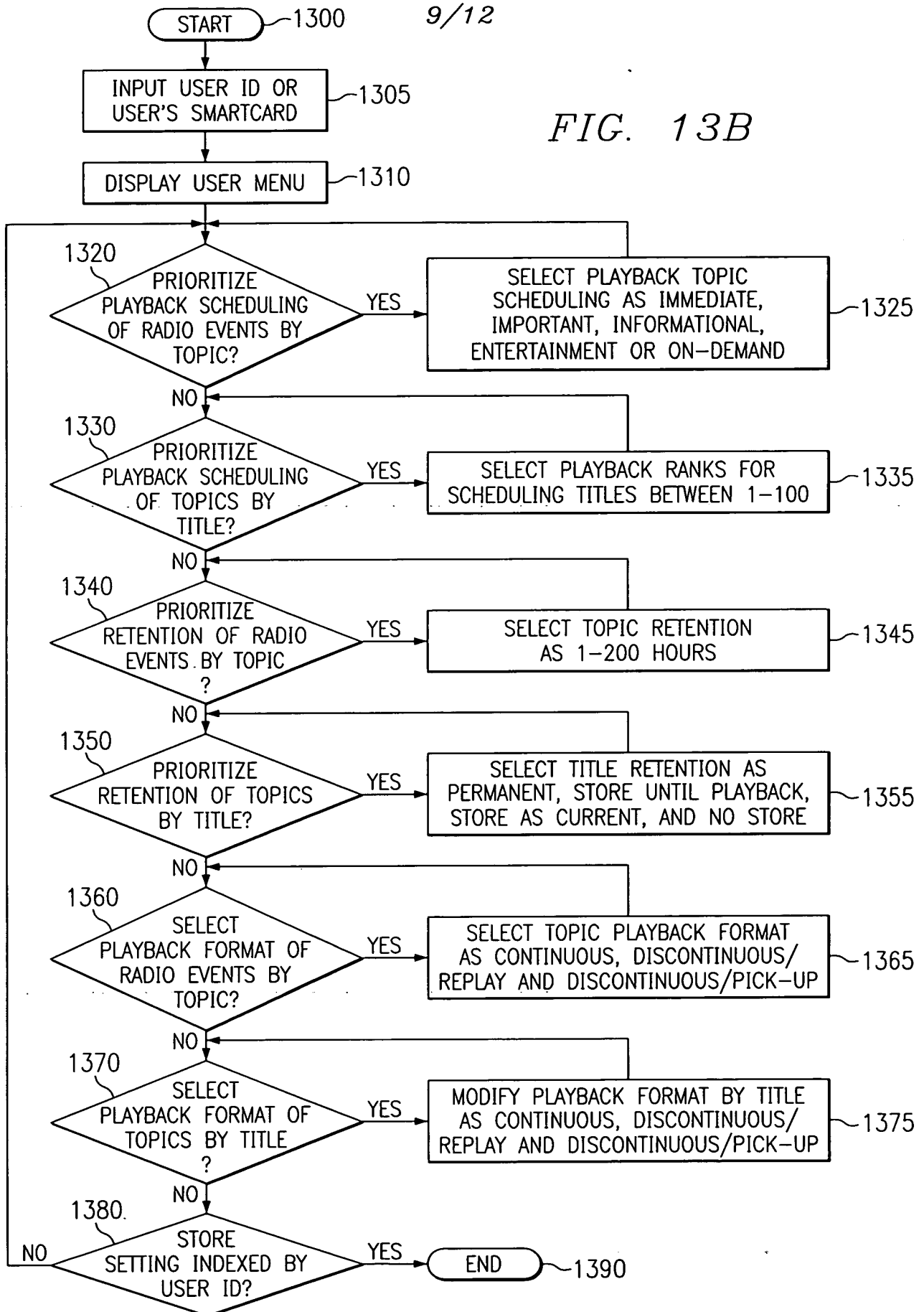


FIG. 13A

FIG. 13B



1900
↓

PREFERENCE LIMITS
MAXIMUM ENGINE RPMs
MAXIMUM FORWARD ACCELERATION
MAXIMUM SPEED
MAXIMUM RIDE STIFFNESS
MAXIMUM DISTANCE FROM HOME PORT
MAXIMUM DISTANCE FROM STORED ROUTES
MAXIMUM DISTANCE FROM STORED DESTINATION
CASH ACCOUNT BALANCE FOR FUEL
CASH LIMIT FOR FUEL PER UNIT OF TIME
CASH ACCOUNT BALANCE FOR MAINTENANCE
NIGHT DRIVING LIMITS
HOURS OF OPERATION LIMITS
SOBRIETY TEST REQUIREMENT
THEFT RESPONSE
SEATBELT RESTRICTIONS
AIRBAG SETTINGS
CASH ACCOUNT BALANCE FOR SERVICES
MAXIMUM AUDIO SOUND LEVEL
ANTILOCK BRAKE SETTINGS
TRACTION CONTROL SETTINGS

FIG. 19

2000
↓

USER LOGGED DATA
HOURS OF ENGINE TIME
HOURS LOGGED IN
MILES TRAVELED
CASH CONSUMED
AVERAGE MPG
MAXIMUM SPEED
AVERAGE SPEED
MAXIMUM ACCELERATION
MAXIMUM ENGINE RPM
ANTILOCK BRAKE ENGAGEMENT
TRACTION CONTROL ENGAGEMENT
AIRBAG DEPLOYMENT
MAXIMUM DISTANCE FROM HOME
MAXIMUM DISTANCE FROM ROUTE
MAXIMUM DISTANCE FROM DESTINATION
GPS TRIP TRACKING
SERVICES USED

FIG. 20

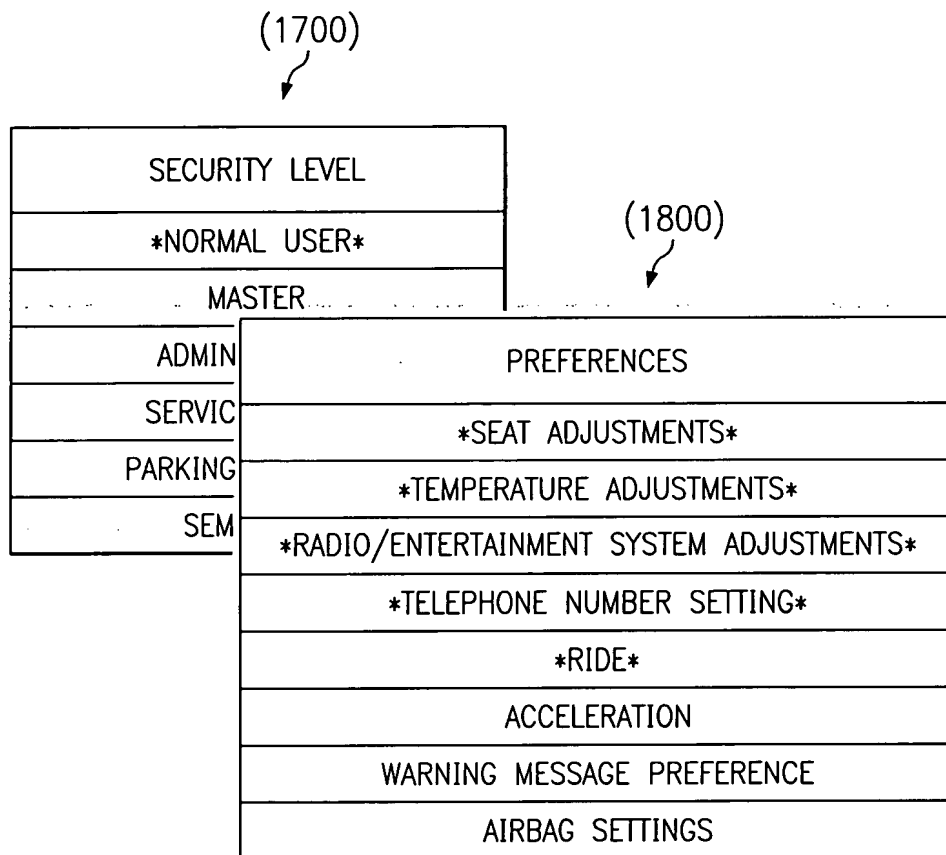


FIG. 21

Method and Apparatus for Automotive Radio Time
Shifting Personalized to Multiple Drivers

1.2/1.2

BROADCAST EVENT ID 2202			RECORD PREFERENCES 2204				PLAYBACK SCHEDULING PREFERENCES 2206				RETENTION 2208			PLAYBACK FORMAT 2210		
2213	2215	2217	2219	2221	2223	2225	2227	2229	2231	2233	2235	2237	2239	2241	2243	2245
TOPIC	TITLE	FREQUENCY	DAY	TIME	PLAYBACK TOPIC PRIORITY	PLAYBACK TITLE PRIORITY	TOPIC RETENTION PRIORITY	TITLE RETENTION PRIORITY	NUMBER OF COPIES RETAINED	MEMORY STACKING	PLAYBACK TOPIC FORMAT	PLAYBACK TITLE FORMAT	2200	2212	2214	2216
NEWS	--	590AM	M-F	:05- :10	Imp	--	10Hr	--	1	MONO	DISCONTINUOUS/ PICKUP	--	2218	2220	2222	2224
TRAFFIC REPORT	--	880AM	M-F	:10- :15	Imp	--	10Hr	--	1	MONO	CONTINUOUS	--	2226			
WEATHER	--	SCAN 880AM 90.5FM	S-S	--	Inf	--	24Hr	--	1	MONO	DISCONTINUOUS/ PICKUP	--				
WEEKLY TALK	WASH WEEK REVIEW	SCAN 90.5FM	Su	--	Inf	50	50Hr	STORE UNTIL PLAYBACK	3	MONO COM:20	DISCONTINUOUS/ PICKUP	DISCONTINUOUS/ PICKUP				
WEEKLY TALK	CAR TALK	90.5FM	Sa	5PM- 6PM	Inf	20	50Hr	STORE UNTIL PLAYBACK	3	MONO COM:10	DISCONTINUOUS/ PICKUP	DISCONTINUOUS/ REPLAY				
ENTERTAINMENT	MUSIC PROGRAMMING	KMFM	S-S	--	Ent	5	--	NO STORE	--	STEREO	--	BACKGROUND				
ONE TIME	CLINTON	590AM	Mon	8PM- 10PM	0-D	5	50Hr	PERMANENT	1	MONO COM:10	DISCONTINUOUS/ PICKUP	CONTINUOUS				

FIG. 22